

ABSTRACT

A device generating pulsed motions comprises: (A) two parallel shafts (3; 4) each having a longitudinal axis (5; 6), a rear end (7; 8) and a front end (9; 10), (B) a gear unit (2) comprising at least two gears (20; 21) where at least two gears (20) are oval gears and each gear (20; 21) is connected to a rear end (7; 8) of the two shafts (3; 4), (C) two arcuate drive levers (30; 31) each having a first end (32; 33) and at least one second end (34; 35), where each first end (32; 33) of the drive levers (30; 31) is connected to one front end (9; 10) of the two shafts (3; 4) in rotatable manner about a first axis of rotation (11; 12), and (E) a drive body (40) which is connected to the second ends (34; 35) of the drive levers (30; 31) in rotatable manner about two second axes of rotation (13; 14), where (F) the drive body (40) is a polysomic body.